

ABSTRACT

Conventionally, there resides such problem in a wireless network that procedures up to the establishment of wireless link cannot be carried out swiftly.

There is provided a wireless communication system comprising a wireless communication unit 100 including a communication antenna 104 that performs wireless data communication, a wire connection section 107 that performs wired data communication to establish a wireless link for carrying out wireless data communication using a wired connection, and a connection change-over switch 103 that changes over whether the wireless data communication should be carried out using the communication antenna 104 or the wired data communication should be carried out using a first wired communication means; and a wireless communication unit 110 including a communication antenna 114 that performs wireless data communication with the communication antenna 104, a wire connection section 117 that performs wired data communication with the first wired communication means using the wired connection and a connection change-over switch 113 that changes over whether wireless data communication should be carried out using a second wireless communication means or the wired data communication should be carried out using the second wired communication means.

(19) 世界知的所有権機関
国際事務局



(43) 国際公開日
2004 年 6 月 3 日 (03.06.2004)

PCT

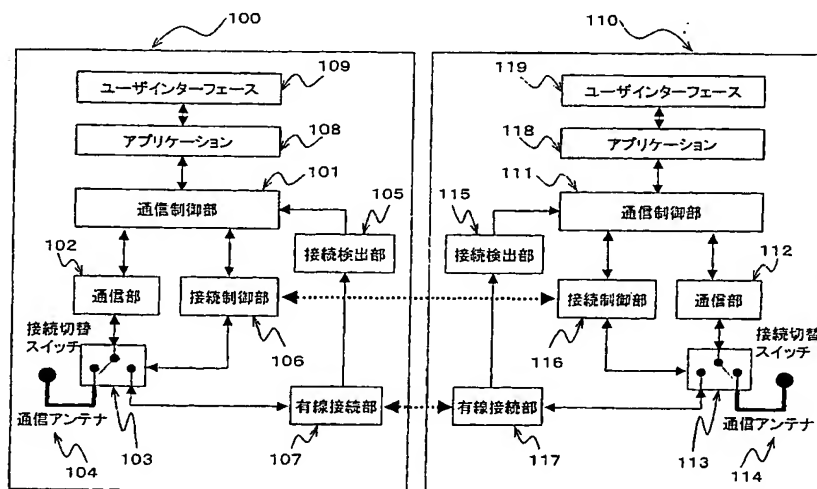
(10) 国際公開番号
WO 2004/047371 A1

- (51) 国際特許分類⁷: H04L 12/28, 29/02 (72) 発明者; および
(21) 国際出願番号: PCT/JP2003/014554 (75) 発明者/出願人 (米国についてのみ): 万木 弘之 (YURUGI, Hiroyuki) [JP/JP]; 〒567-0034 大阪府 茨木市 中穂積 3-16-17-305 Osaka (JP). 岡田 健 (OKADA, Tsuyoshi) [JP/JP]; 〒655-0886 兵庫県 宝塚市 山手台西 2-29-8 Hyogo (JP).
(22) 国際出願日: 2003 年 11 月 17 日 (17.11.2003)
(25) 国際出願の言語: 日本語
(26) 国際公開の言語: 日本語
(30) 優先権データ:
特願 2002-334262
2002 年 11 月 18 日 (18.11.2002) JP
(71) 出願人 (米国を除く全ての指定国について): 松下電器産業株式会社 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) [JP/JP]; 〒571-8501 大阪府 門真市 大字門真 1006 番地 Osaka (JP).
(74) 代理人: 松田 正道 (MATSUDA, Masamichi); 〒532-0003 大阪府 大阪市 淀川区 宮原 5 丁目 1 番 3 号 新大阪生島ビル Osaka (JP).
(81) 指定国 (国内): CN, KR, US.
(84) 指定国 (広域): ヨーロッパ特許 (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).
添付公開書類:
— 国際調査報告書

[続葉有]

(54) Title: RADIO COMMUNICATION SYSTEM

(54) 発明の名称: 無線通信システム



109...USER INTERFACE
108...APPLICATION
101...COMMUNICATION CONTROL PART
102...COMMUNICATION PART
103...CONNECTION SWITCH
104...COMMUNICATION ANTENNA
105...CONNECTION DETECTING PART
106...CONNECTION CONTROL PART
107...WIRE CONNECTION PART

119...USER INTERFACE
118...APPLICATION
111...COMMUNICATION CONTROL PART
112...COMMUNICATION PART
113...CONNECTION SWITCH
114...COMMUNICATION ANTENNA
115...CONNECTION DETECTING PART
116...CONNECTION CONTROL PART
117...WIRE CONNECTION PART

(57) Abstract: There was a problem that the procedure up to a radio link establishment in a radio network might not be quickly accomplished. A radio communication system includes a radio communication apparatus (100), which has a communication antenna (104) for performing a radio data communication; a wire connection part (107) for performing, by use of a wire connection, a wire data communication

[続葉有]